

**SUMMARY OF
NIH SBIR INNOVATIONS IN BIOMEDICAL
INFORMATION SCIENCE AND TECHNOLOGY
AWARDS
FOR PROGRAM ANNOUNCEMENT PA-00-118
NEWLY FUNDED IN FY 2003**

The following text provides a summary of grant awards from BISTIC member institutes and centers for innovative research in biomedical information science and technology in response to program announcement PA-00-118. The objective of this program is to support innovative information science and technology research within small businesses whose outcomes are likely to advance health or health-related research within the mission of the NIH.

Funded grants are listed below in alphabetical order by the principal investigator's (PI's) last name. Other information provided for each grant includes PI affiliation, grant title, application number, and funding organization.

1. PRINCIPAL INVESTIGATOR: DECHARMS, CHRISTOPHER

AFFILIATION: NEURION, INC.

PROJECT TITLE: APPLICATIONS OF REAL TIME FMRI

GRANT NUMBER: 1-R43-MH-67290-1

2. PRINCIPAL INVESTIGATOR: DEL MASTRO, RICHARD

AFFILIATION: GENOME THERAPEUTICS CORPORATION

PROJECT TITLE: Integrated Methods to Discover Novel Disease Pathways

GRANT NUMBER: 1-R44-AG-22242-1

3. PRINCIPAL INVESTIGATOR: DRAKE, KENNETH

AFFILIATION: SERALOGIX

PROJECT TITLE: Bioinformatics for Immune Response Biosignature Analyses

GRANT NUMBER: 1-R43-AI-55061-1

4. PRINCIPAL INVESTIGATOR: GREILING, DUNRIE

AFFILIATION: BIOMEDWARE

PROJECT TITLE: MicroSeer, Analysis software for microscopy imagery

GRANT NUMBER: 1-R44-EB-575-1

5. PRINCIPAL INVESTIGATOR: GRUNER, CHARLOTTE

AFFILIATION: R.C. ELECTRONICS, INC.

PROJECT TITLE: Multiunit, multielectrode spike sorting software

GRANT NUMBER: 2-R44-MH-62837-2

6. PRINCIPAL INVESTIGATOR: HUNTER, EDWARD

AFFILIATION: Q3DM, INC.

PROJECT TITLE: Automated Microscopy of 3-D Liver Tissue for ADME/Tox

GRANT NUMBER: 1-R44-EB-1612-1

7. PRINCIPAL INVESTIGATOR: OVERBEEK, ROSS

AFFILIATION: INTEGRATED GENOMICS, INC.

PROJECT TITLE: Access to Encoding of Central Cellular Machinery

GRANT NUMBER: 1-R43-HG-2862-1

8. PRINCIPAL INVESTIGATOR: PHAIR, ROBERT

AFFILIATION: INTEGRATIVE BIOINFORMATICS

PROJECT TITLE: Database Software for Complex Cell Biological Pathways

GRANT NUMBER: 1-R43-GM-66611-1-A1

9. PRINCIPAL INVESTIGATOR: SHANAHAN, BRIAN

AFFILIATION: MEDISPIN, INC.

PROJECT TITLE: Web software to Promote Evidence-based Care for ADHD

GRANT NUMBER: 1-R43-MH-68031-1

10. PRINCIPAL INVESTIGATOR: SNIDER, ROSS

AFFILIATION: HYLITECH

PROJECT TITLE: Developing a Reconfigurable On-Line Modeling Platform

GRANT NUMBER: 1-R21-MH-68892-1

11. PRINCIPAL INVESTIGATOR: STARIKOV, DAVID

AFFILIATION: INTEGRATED MICRO SENSORS

PROJECT TITLE: Instrumentation for Ultrafine Particles Characterization

GRANT NUMBER: 1-R43-ES-12513-1

12. PRINCIPAL INVESTIGATOR: SUNDERAM, SRIDHAR

AFFILIATION: FLINT HILLS SCIENTIFIC, LLC

PROJECT TITLE: SOFTWARE TOOL FOR SEIZURE ANALYSIS AND PREDICTION

GRANT NUMBER: 1-R43-SN-46060-1

13. PRINCIPAL INVESTIGATOR: WROBLEWSKI, DARIUSZ

AFFILIATION: INTELLIGENT AUTOMATION CORPORATION

PROJECT TITLE: Diagnostic Aid Software for Visual Field Test

GRANT NUMBER: 1-R43-EY-14077-1-A1

14. PRINCIPAL INVESTIGATOR: ZHAO, LUE

AFFILIATION: ENODAR BIOLOGIC CORPORATION

PROJECT TITLE: Haplotype-Based Methods/Software for Analyzing SNP Data

GRANT NUMBER: 1-R43-HG-2877-1